NWS Form E-5 (04-2006) (PRES. BY NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) **San Angelo, TX**
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		REPORT FOR: MONTH **November** YEAR **2011**
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		SIGNATURE Jason Johnson DATE **December 15, 2011**

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

X An X inside this box indicates that no flooding occurred within this hydrologic service area.

Much of the San Angelo hydrologic service area (HSA) received below normal rainfall during the month of November. The weather pattern in November brought record high temperatures as well as freezing temperatures, blowing dust and dense fog. A few upper level storm systems swept across the region and helped to produce some rain showers. On the 7th and 8th, areas north of Interstate Highway 20 received 0.25 to one inch of rain ahead of an approaching upper level disturbance. As the disturbance pushed in, a separate area extending from northern Crockett County and across the Concho Valley to the Heartland received 0.25 to just over one inch of rain. Another strong system tracked across northern Mexico on the 15th and brought scattered showers and thunderstorms mainly over areas southeast of a Sonora to Brownwood line. Some areas in southeast Kimble County received 1.5 to 2.5 inches of rain from this event.

Drought conditions generally went unchanged during the month. The U.S. Drought Monitor depicted severe to exceptional drought conditions across the San Angelo HSA.

The average precipitation reported from coop observers in November was 0.57 of an inch. The highest monthly total of 2.01 inches was reported in Throckmorton County. Coop observers in Brown and Throckmorton Counties received over one inch of rain in November.

The San Angelo Regional Airport reported 0.32 of an inch of precipitation during November, which was 0.82 of an inch below normal for the month. The monthly normal rainfall for San Angelo in November is 1.14 inches.

The Abilene Regional Airport received 0.18 of an inch of precipitation during November, which was 1.23 inches below normal for the month. The monthly normal rainfall for Abilene in November is 1.41 inches.

Junction received 0.64 of an inch of precipitation during November. The estimated average monthly rainfall in November is about 1.50 inches.

Coop Observer Rainfall Totals for November, 2011:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene	0.33		Ozona	0.07
Albany	0.58		Ozona 22SE	0.11
Ballinger 2NW	0.29		Paint Rock	0.30
Brady	0.84		Putnam	0.70
Brownwood	1.89		Red Bluff Crossing	0.73
Burkett	0.02		Roscoe	0.26
Coleman	0.13		Rotan	0.70
Eden	0.78		San Angelo WFO	0.57
Eldorado	0.34		San Saba 7NW	0.81
Ft. Griffin	0.95		Silver Valley	0.13
Ft. McKavett	0.33		Sonora	0.24
Glen Cove 2NE	0.15		Stamford	0.93
Hamlin	0.81		Sterling City	0.08
Haskell	0.99		Taylor Ranch	0.64
Hords Creek	0.04		Throckmorton	1.30
Junction 4SSW	0.94		Water Valley	0.35
Mason	0.63		Woodson	2.01
Menard	0.41		(M) *Missing data*	
Merkel 12SW	0.25		(T) *Trace*	

Reservoir Conditions (end of November, 2011)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	37,530	54
Lake Stamford	52,700	26,870	52
Hubbard Creek Lake	317,800	146,830	46
Hords Creek Lake	8,800	2,010	25
Lake Brownwood	131,428	52,110	40
E.V. Spence	488,760	2,170	0
O.C. Fisher	119,200	1,040	0
O.H. Ivie	554,340	102,300	18
Twin Buttes	177,800	10,960	6

Hydro Products Issued

ESF = 2 (Probabilistic Forecasts)

The NWS precipitation analysis can be viewed at http://water.weather.gov/.

The total monthly precipitation estimate and percent of normal precipitation for November across the San Angelo HSA is depicted below.